

This listing of claims will replace all prior versions and listings of claims in the application.
Please delete claims 1-19. Please amend claims 20-27 as outlined below.

Listing of Claims:

Claims 1.-19. (canceled)

20. (Currently amended) ~~A composition comprising~~ **An uncleared cell culture comprising:**

(a) ~~a~~ population of replicable genetic packages, each of which displays on its surface a fusion protein that comprises a surface-displayed replicable genetic package polypeptide and ~~a potential-binding~~ **an exogenous** polypeptide; ~~and~~

(b) a complex that comprises a target molecule and one or more members of the population of replicable genetic packages that specifically bind to said target molecule **via said exogenous polypeptide**; and

(c) cells in which the replicable genetic packages were amplified **prior to contact with the target molecule.**

21. (Currently amended) The ~~composition~~ **uncleared cell culture** of claim 20, wherein said replicable genetic packages are selected from the group consisting of bacteriophage and eukaryotic viruses.

22. (Currently amended) The ~~composition~~ **uncleared cell culture** of claim 20, wherein said target molecule is immobilized on a solid support.

23. (Currently amended) The ~~composition~~ **uncleared cell culture** of claim 22, wherein said solid support is selected from the group consisting of: a bead, a chip, a microtiter plate, a prokaryotic cell and a eukaryotic cell.

24. (Currently amended) The ~~composition~~ uncleared cell culture of claim 20, wherein said target molecule is selected from the group consisting of: a polypeptide, a nucleic acid, an RNA, a DNA, a small organic molecule, and a carbohydrate.

25. (Currently amended) The ~~composition~~ uncleared cell culture of claim 20, wherein said ~~potential-binding~~ exogenous polypeptide is an antibody.

26. (Currently amended) The ~~composition~~ uncleared cell culture of claim 25, wherein said antibody is a scFv or a Fab.

27. (Currently amended) The ~~composition~~ uncleared cell culture of claim 20, wherein the ~~composition~~ uncleared cell culture further comprises a detection reagent that specifically binds to the replicable genetic packages.